

**Table C-46. Federal obligations for applied research in physical and environmental sciences, by agency and detailed field of science: fiscal year 2000**

[Dollars in thousands]

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Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chem- istry	Physics	Physical sciences, n.e.c.	Total	Atmos- pheric	Geo- logical	Ocean- ography	Environ- mental sciences, n.e.c.
Total, all agencies .....	1,317,334	86,279	459,792	640,974	130,289	1,490,349	387,316	209,590	308,144	585,299
Departments:										
Department of Agriculture, total .....	36,586	0	34,560	2,026	0	5,523	4,642	881	0	0
Agricultural Research Service .....	21,800	0	20,785	1,015	0	1,441	1,408	33	0	0
Cooperative State Research, Education, & Extension Service .....	11,055	0	11,055	0	0	487	487	0	0	0
Forest Service .....	3,731	0	2,720	1,011	0	3,595	2,747	848	0	0
Department of Commerce, total .....	84,222	0	36,458	46,946	818	304,326	114,783	4,420	145,773	39,350
Nat'l Inst of Standards & Tech .....	58,625	0	22,444	35,363	818	400	0	400	0	0
Nat'l Oceanic & Atmospheric Admin .....	25,597	0	14,014	11,583	0	303,926	114,783	4,020	145,773	39,350
Department of Defense, total .....	249,816	0	30,849	197,986	20,981	182,655	17,063	3,668	78,595	83,329
Defense Agencies, total .....	99,180	0	4,549	92,202	2,429	13,431	749	0	7,433	5,249
Ballistic Missile Defense Org .....	5,472	0	2,535	2,937	0	0	0	0	0	0
Chemical and Biological Defense <sup>1</sup> .....	2,035	0	0	0	2,035	0	0	0	0	0
Defense Adv Rsch Projects Agcy .....	6,189	0	0	6,189	0	8,815	0	0	6,684	2,131
Defense Threat Reduction Agency .....	72,012	0	0	72,012	0	518	0	0	0	518
Washington Headquarters Svcs .....	13,472	0	2,014	11,064	394	4,098	749	0	749	2,600
Department of the Air Force .....	110,075	0	14,924	94,828	323	12,788	2,087	1,982	0	8,719
Department of the Army .....	34,631	0	11,376	10,956	12,299	68,670	7,704	1,686	0	59,280
Department of the Navy .....	5,930	0	0	0	5,930	87,766	6,523	0	71,162	10,081
Department of Energy .....	448,208	0	55,840	307,631	84,737	63,062	0	0	0	63,062
Dept of Health & Human Svcs, total .....	285,852	0	278,157	0	7,695	184,036	0	0	0	184,036
Agency for Toxic Substances Disease & Registry <sup>2</sup> .....	0	0	0	0	0	14,675	0	0	0	14,675
National Institutes of Health <sup>3</sup> .....	285,852	0	278,157	0	7,695	169,361	0	0	0	169,361
Dept of Housing & Urban Development ....	0	0	0	0	0	60	0	0	0	60
Department of the Interior, total .....	18	0	0	0	18	337,721	6,975	173,763	19,499	137,484
Bureau of Reclamation .....	0	0	0	0	0	2,189	0	0	0	2,189
Geological Survey .....	0	0	0	0	0	304,042	0	173,157	0	130,885
Minerals Management Service .....	18	0	0	0	18	21,811	1,120	382	19,319	990
National Park Service .....	0	0	0	0	0	9,679	5,855	224	180	3,420
Department of Transportation, total .....	39,352	0	0	38,639	713	22,977	21,084	0	600	1,293
Coast Guard .....	0	0	0	0	0	600	0	0	600	0
Federal Aviation Administration .....	38,149	0	0	38,149	0	19,139	19,139	0	0	0
Federal Highway Administration .....	1,203	0	0	490	713	3,138	1,945	0	0	1,193
Research & Special Programs Admin ...	0	0	0	0	0	100	0	0	0	100
Department of the Treasury, total .....	2,643	0	36	1	2,606	0	0	0	0	0
Bureau of Engraving & Printing .....	2,643	0	36	1	2,606	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

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	Total	Astronomy	Chem- istry	Physics	Physical sciences, n.e.c.	Total	Atmos- pheric	Geo- logical	Ocean- ography	Environ- mental sciences, n.e.c.
Other agencies:										
Environmental Protection Agency <sup>2</sup> .....	9,860	0	9,285	575	0	110,690	34,083	8,034	12,788	55,785
Federal Communications Commission .....	175	0	0	175	0	0	0	0	0	0
Internat'l Development Cooperation										
Agency, total .....	0	0	0	0	0	4,237	0	0	0	4,237
Agcy for Internat'l Development <sup>4</sup> .....	0	0	0	0	0	4,237	0	0	0	4,237
Library of Congress .....	601	0	361	0	240	0	0	0	0	0
National Aeronautics & Space Admin <sup>5</sup> .....	139,725	83,604	5,879	42,290	7,952	273,353	188,478	18,502	50,402	15,971
National Archives & Records Admin .....	120	0	70	50	0	0	0	0	0	0
National Science Foundation .....	20,156	2,675	8,297	4,655	4,529	1,709	208	322	487	692

<sup>1</sup> Prior to fiscal year 2000, Chemical and Biological Defense's R&D was reported with the Washington Headquarters Services.

<sup>2</sup> Prior to fiscal year 2000, data reported for the Environmental Protection Agency included R&D data for the Agency for Toxic Substances and Disease Registry.

<sup>3</sup> Beginning in the fiscal year 2000, the National Institutes of Health classified all of its development activities as research.

<sup>4</sup> Since the experimental New Management System, which is an integrated system containing the Agency for International Development's (AID) budget and accounting records, does not contain codes for determining either fields of science and engineering or performer data, the National Science Foundation has estimated these data based on AID's Budget Authority (fiscal years 2000-2002) and AID's Federal funds survey submission to Vol. 44 (fiscal years 1994-96). More accurate data for AID will be reported in future volumes of this survey.

<sup>5</sup> Beginning in fiscal year 2000, the National Aeronautics & Space Administration reclassified Space Station as a physical asset and Space Station Research as equipment, and transferred funding for the program from R&D to R&D plant.

**KEY:** n.e.c. = Not elsewhere classified

**NOTE:** Data for only those agencies and sub-divisions that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For additional notes associated with the agencies listed in this table, refer to appendix B.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2000, 2001, and 2002